

COMMUNICATION LAB

1. VLSI SPARTAN 3E XCS500E
2. ARM SM LPC2148 KIT
3. DIGITAL ELECTRONICS LAB
4. EMBEDDED SYSTEM LAB
5. SYSTEM DESIGNING LAB



Introduction:

Modulation is the process in which the characteristics of high frequency carrier wave is varied in accordance with instantaneous value of other wave.

The Bandwidth of AM is twice the bandwidth of the base and signal. The Amplitude Modulation wave also provides two side bands.

Specifications:

- Carrier generator circuit which generates carrier wave
- Signal generator produces the frequency from 20 hz to 20 khz.
- +12, -12, -8 V @ 200mA , IC regulated power supply internally connected.
- Two types of modulation , under modulation and over modulation, modulation are verified through this kit.
- 100% original message signals are obtained through demodulator circuit.
- Adequate no. of test points are provided to verify the signals through CRO.
- Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.



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